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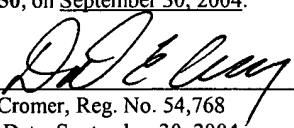


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application	)	<u>PATENT APPLICATION</u>
Inventors:	)	
Mark A. Lemkin, et al.	)	Art Unit: 2856
SC/Serial No.:	)	
09/765,521	)	Examiner: Chapman, John E.
Filed:	)	
January 18, 2001	)	
Title:	)	Customer No. 28554
POSITION SENSING WITH	)	
IMPROVED LINEARITY	)	

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**, on September 30, 2004.

  
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David E. Cromer, Reg. No. 54,768  
Signature Date: September 30, 2004

RESPONSE TO OFFICE ACTION - *Ex-parte* Quayle, 1935 C.D. 11, 453 O.G. 213

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This **RESPONSE** is in reply to the Office Action mailed June 30, 2004.

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 2 of this Response.

**REMARKS** begin on Page 7 of this Response.